



E-BUS 2x2x0,8

Intended use of the product

The E-bus cable is used for the transmission of bus signals for intelligent systems in buildings.

Construction

conductor red copper Ø 0,8mm RE
 insulation TI1 (YI1) PVC to core Ø 1.6 mm according ČSN EN 50363-3, 92±2 ShA
 cores twisted to quad with about 80 mm lay
 colour coding red RAL 3000, black RAL 9005, white RAL 9003, yellow RAL 1021
 PET binder tape 23 µm
 Earth tinned copper 2 x Ø 0,4 mm
 Overall screen of AL/PET 9/15 µm tape wrapped with overlap
 Sheath PVC TM1 (YM1), d = 1,0 mm ±0,2; according ČSN EN 50363-3, 92 ShA ±2 ShA
 Colour of sheath green similar to RAL 6018

Fire behavior:

Flame retardant acc. EN 60332-1-2

Electrical data:

operating voltage	Veff:	300
test voltage core/core	V:	800
test voltage core/screen	V:	4000
conductor resistance (loop)	Ω/km:	73
nominal capacitance at 800 Hz	nF/km:	100
temperature range.....	°C:	-25 to +70
temperature range during laying	°C:	-5 to +50